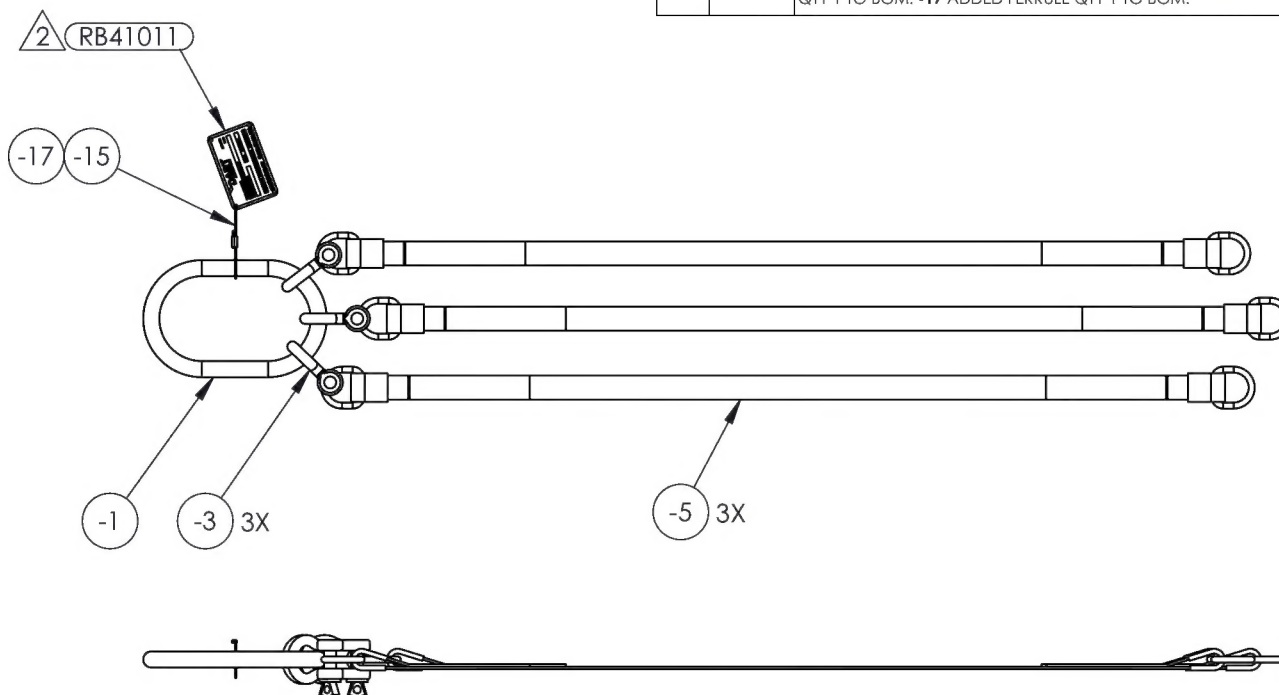


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0106	ADDED ENGRAVE W/ T/N, S/N, SWL 164 LBS/74.4Kg NOTE. -5 CH'D DIMS WAS 38.88 IS 38-7/8". WAS 5.0 IS 5" SEWN TYP. ADDED LOAD RATING NOTE. -5 & -9 CH'D B/O REF WAS EUGENE CANVAS IS (OLYMPIC SYNTHETIC PRODUCTS). -11 DELETED. -13 REPLACED W/ <b>RB41011</b> . -15 ADDED LANYARD QTY 1 TO BOM. -17 ADDED FERRULE QTY 1 TO BOM.	4/26/2017	DPD	JAG



# NOTES:

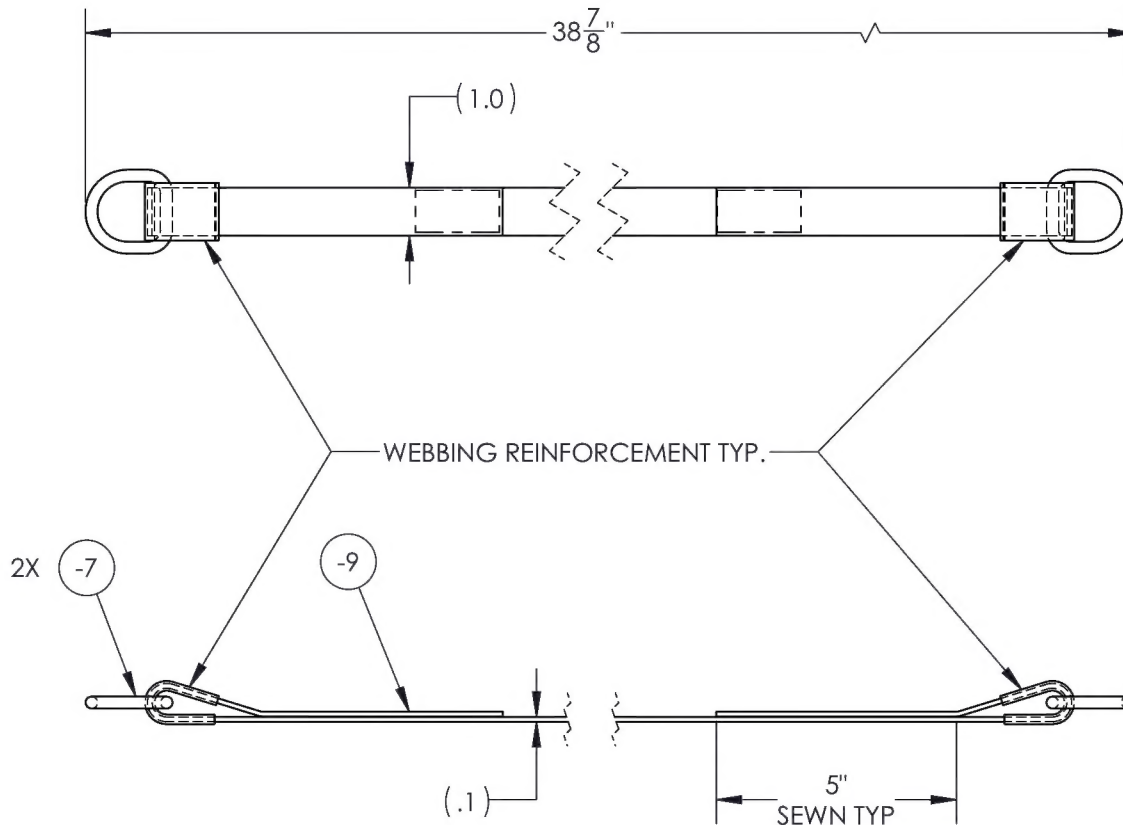
- REF. EUROCOPTER T/N: 350A91-3105-02.
- ENGRAVE W/ T/N, S/N, SWL 164 LBS/74.4 Kg.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		B/O	-1	1	MASTER LINK	STEEL	{A-344 CROSBY #1257002}	1
		B/O	-3	3	SCREW PIN SHACKLE	STEEL	{G-209 CROSBY #1018437}	1
	X	B/O	-5	3	STRAP ASSEMBLY		{OLYMPIC SYNTHETIC PRODUCTS}	2
	2	B/O	-7		D-RING	STEEL	Ø1/4 X 1-5/16 {MCMaster-CARR #3648T73}	2
	1	B/O	-9		WEBBING	NYLON	1 X .10 X 52 {OLYMPIC SYNTHETIC PRODUCTS}	2
		B/O	-15	1	LANYARD	COATED STEEL	Ø1/16 X 3 {CARR LANE #CL-2-C}	1
		B/O	-17	1	FERRULE	ALUMINUM	Ø1/16 X 3/8 {MCMaster-CARR #3896T31}	1
		B/O		1	DART PLACARD	ALUMINUM	RB41011	1
	ASSY -5							

<b>DART</b> AEROSPACE	
TITLE <b>SLING, MAIN ROTOR HUB</b>	
DWG NO. <b>RBE350A91-3105-02</b>	REV <b>2</b>
MAT'L <b>HEAT TREAT FINISH</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC <b>DRAWN BY: SMITH</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: <b>RJC 04/27/2017</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: <b>AA 05/05/2017</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: <b>JL 05/10/2017</b>	USED ON MODEL
APPROVED: <b>JAG 05/17/2017</b>	<b>EUROCOPTER AS350</b>
SCALE <b>1:8</b>	DATE <b>9/20/2013</b>
SHEET 1 OF 3	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0106	-5 CH'D DIMS WAS 38.88 IS 38-7/8", WAS 5.0 IS 5" SEWN TYP. ADDED LOAD RATING NOTE.	4/26/2017	DPD	JAG

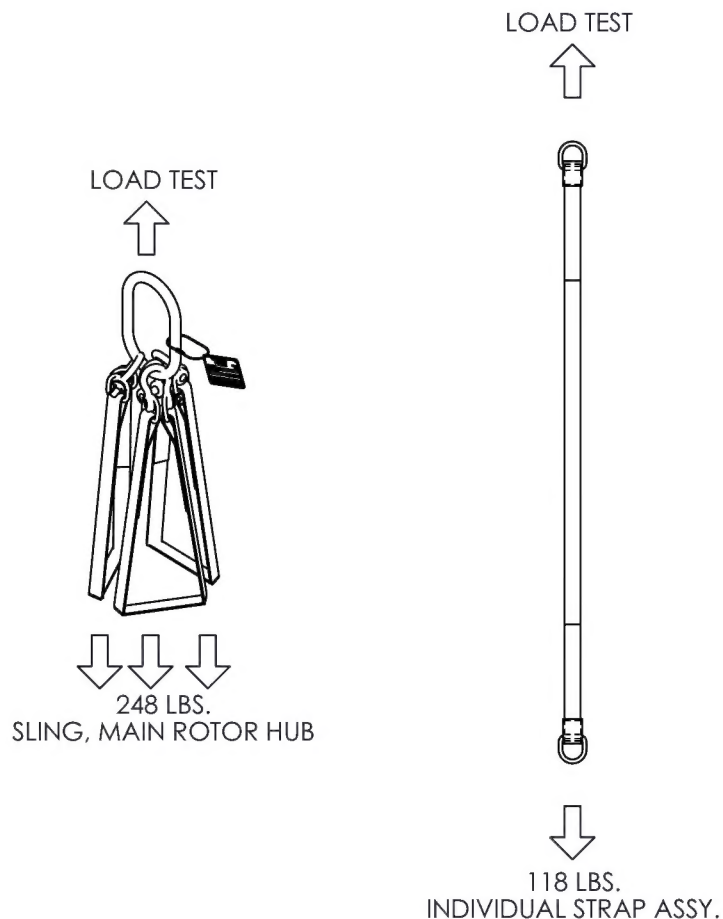


(-5)  
STRAP ASSEMBLY

NOTE:  
STRAP MUST BE LOAD RATED TO MINIMUM 118 LBS.

<b>DART AEROSPACE</b>	
TITLE <b>SLING, MAIN ROTOR HUB</b>	
DWG NO. <b>RBE350A91-3105-02-5</b>	REV <b>2</b>
MAT'L FEAT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
DRAWN BY: SMITH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: RJC 04/27/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 05/05/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 05/10/2017	USED ON MODEL
APPROVED: JAG 05/17/2017	EUROCOPTER AS350
SCALE 1:4	DATE 9/20/2013
SHEET 2 OF 3	

## FIRST ARTICLE WEIGHT TEST



INSPECTING & TESTING PROCEDURES FOR THE RBE350A91-3105-02, SLING, MAIN ROTOR HUB. THIS ASSEMBLY IS DESIGNED EXCLUSIVELY FOR HOISTING AND INSTALLING/REMOVING THE AS350 MAIN ROTOR STARFLEX HUB. THIS ASSEMBLY SHOULD BE INSPECTED BEFORE EACH USE. **REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED OF DAMAGE BEFORE USING!**

### **FIRST ARTICLE WEIGHT TEST**

1. **AFTER INSPECTION**, STRAPS TO BE TESTED INDIVIDUALLY. PLACE STRAP ASSEMBLY ON A OVERHEAD LIFTING DEVICE. ATTACH D-RINGS TO AN APPROPRIATE TEST WEIGHT OF 118 LBS. USE APPROPRIATE DEVICES TO LOCK INTO FIXTURE.
2. THE SLING, MAIN ROTOR HUB TO BE TESTED. PLACE SLING ASSEMBLY ON A OVERHEAD LIFTING DEVICE. ATTACH MASTER LINK TO AN APPROPRIATE TEST WEIGHT OF 248 LBS. USE APPROPRIATE DEVICES TO LOCK INTO FIXTURE.
3. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, OR DISTORTION.
4. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS CRACKS, BENDING, OR DISTORTIONS. IF DEFORMATION IS VISUALLY DETECTED, THE TOOL MUST BE REJECTED.

INSPECTOR: \_\_\_\_\_

TESTER: \_\_\_\_\_

S.N.: \_\_\_\_\_

DATE: \_\_\_\_\_



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dartaerospace.com

TITLE			
SLING, MAIN ROTOR HUB			
DWG NO.	RBE350A91-3105-02	REV	2
SCALE	1:12	DATE	9/20/2013
CUSTOMER 1 OF 1		SHEET 3 OF 3	